The 2nd Regional Forum on Sustainable Agricultural Mechanization

Enabling Environment for Custom Hiring of Agricultural

Machinery

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Agricultural Mechanization Development Center (AMDC) Is a governmental organization under the Cultivated Deputy Ministry of Jihad-e-Agriculture



Farming mechanization Development group
Horticulture mechanization Development group
Livestock and fishery mechanization Development
group Testing and standardization group
The Modern Technologies group
Agriculture machinery Beneficiary systems group
The General groups

Agricultural Mechanization in Iran



Agricultural machinery testing

background of near to fifty years

Agricultural machinery

tractors

combines

Tilling impelments

Planting machines

Keeping machines

Chemical sprayers

Post harvest equipments

Irrigations

polyethylene pipes

polyethylene joints

Automatic valves







polyethylene pipes testing tools



Sigma5 Dynamometer

Tractor PTO test
Measuring:
power, torque and fuel consumption



About 300 national standards in agricultural machinery

www.isiri.org

National network for testing equipments
Agricultural machinery testing Partnerships 22
Polyethylene's pipe and joint laboratory Partnerships 15



Partners

Apply the stationary and field tests and send the test report to the center to approve and issue the certificate for the machine



Supporting Policies

Beneficiary Systems of agricultural machinery Group

The mechanization servicing unities networks

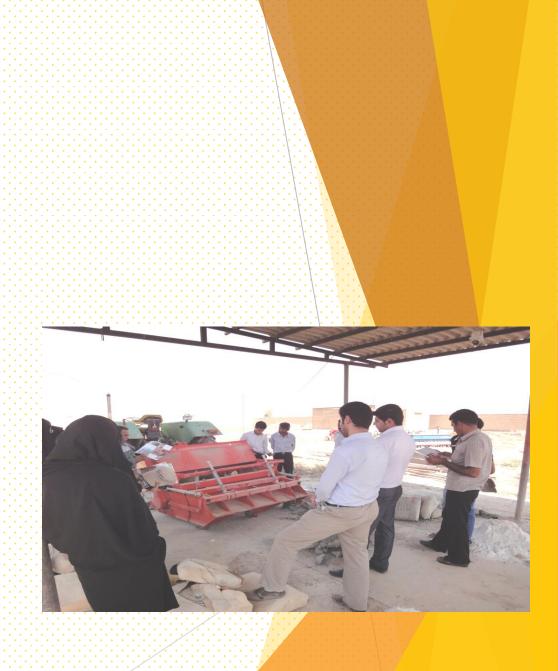
- Preparing and present to equip and renewing the mechanization servicing unities networks by box developing credit.
- Doing free of task for mechanization unities that their activities resulted the product's prime cost be low.
- Determining the price list for different services and issue it.
- Educating and training support to use new machines by ownerships.
- Help to changing old and attired machines to newer by paying loans through agricultural bank

Social and Economic Benefits

- Saving environment and weather, water and soil.
- Reduce drudgery and injuries for farmers.
- Bring benefit to agriculture and reduce Poverty in rural regions.
- Increase safety and reduce crimes.
- Reduce Undesirable immigrations.
- Have positive role on GDP in the state.
- Bring independence and food safety for country.

challenges and Constraints faced

- Unlettered and low literacy farmers and some of machine ownerships.
- Small farms and area for mechanization performing.
- Drought in most region of the country for several years.
- High price of high quality machines and equipments.
- Lake and less of financial facilities in private section to buy new machines and equipments.



Solutions and Suggestions

Performing Training course for farmers

High school degree for professional ownership

Encourage small farmer to associate their units to one unit by cooperate changing the regime of produce

High quality machines is supporting when they have quality certificate.

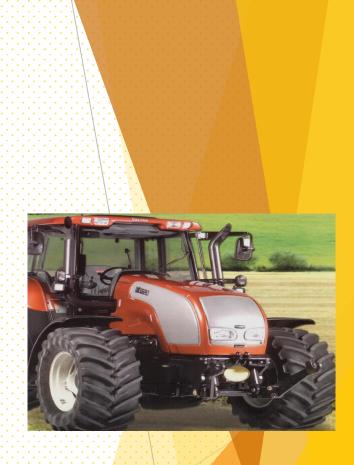
The AMDC charge loans

In 2013 charged 242 million \$

To the end Of 2014 is going to charge 260 million \$

More than Half of billion \$ investment for 2 years

For equipping the testing stations and to developing to codify national standards too annually 150000\$ is expenses.



Thank you for your Patience

